

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

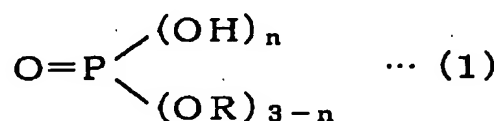
Listing of Claims:

Claim 1 (Currently Amended): An optical filter, comprising a near infrared light absorption layer containing the following component A and/or the following component B, wherein the phosphorus atom content in the near infrared light absorption layer is 0.4 to 1.3 mol per mole of copper ions,

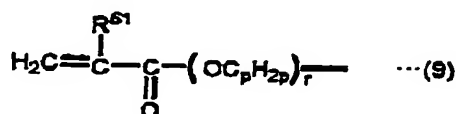
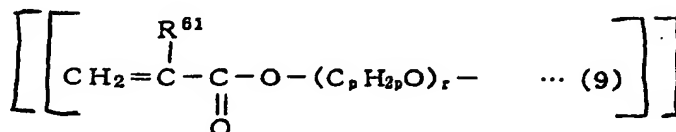
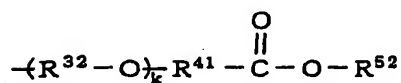
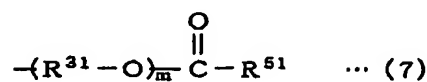
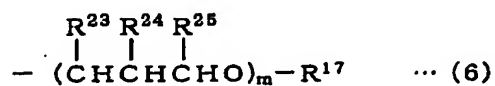
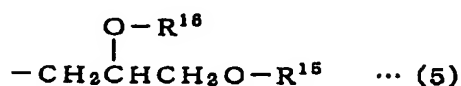
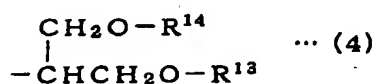
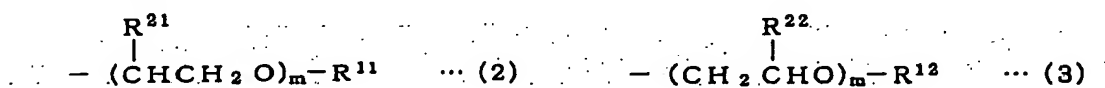
and the copper ion content in the near infrared light absorption layer is 2 to 60 wt%:

Component A: a component composed of copper ions and a phosphoric ester compound expressed by the following Formula (1);

Component B: a copper phosphate compound obtained by reaction of a copper compound with said phosphoric ester compound,



(in Formula (1), R is a group expressed by the following Formula (2), (3), (4), (5), (6), (7), (8), or (9), an alkyl group, an aryl group, an aralkyl group, or an alkenyl group, n is 1 or 2, and when n is 1, the R groups may be the same or different),



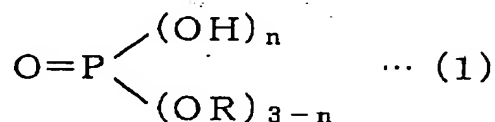
(in Formulas (2) to (9), R^{11} to R^{17} are C_1 to C_{20} alkyl groups or C_6 to C_{20} aryl groups or aralkyl groups (where the one or more hydrogen atoms bonded to the carbon atoms that make up aromatic rings may be substituted with C_1 to C_6 alkyl groups or halogens), R^{21} to R^{25} are hydrogen atoms or C_1 to C_4 alkyl groups (where R^{23} , R^{24} , and R^{25} cannot all be hydrogen atoms), R^{31} and R^{32} are C_1 to C_6 alkylene groups, R^{41} is a C_1 to C_{10} alkylene group, R^{51} and R^{52} are C_1 to C_{20} alkyl groups, R^{61} is a hydrogen atom or methyl group, m is an integer from 1 to 6, k is an integer from 0 to 5, p is an integer from 2 to 97, and r is an integer from 1 to 4).

Claim 2 (Original): The optical filter according to Claim 1, wherein the phosphorus atom content in the near infrared light absorption layer is 0.8 to 1.3 mol per mole of copper ions.

Claim 3 (Original): The optical filter according to Claim 1, wherein the phosphoric ester compound is such that R^{61} in Formula (9) is a methyl group, p in Formula (9) is 2 or 3, and r in Formula (9) is 1.

Claim 4 (Original): A method for manufacturing an optical filter having a near infrared light absorption layer containing the following component A and/or the following component B:

Component A: a component composed of copper ions and a phosphoric ester compound expressed by the following Formula (1);



Component B: a copper phosphate compound obtained by reaction of a copper compound with said phosphoric ester compound,

comprising the step of mixing or bringing into contact a phosphoric ester compound expressed by Formula (1), a copper salt, and water.

Claim 5 (Original): The method for manufacturing an optical filter according to Claim 4, said step comprising:

mixing or bringing into contact a phosphoric ester compound expressed by Formula (1), a copper salt, and water such that the phosphorus atom content in the near infrared light absorption layer is 0.4 to 1.3 mol per mole of copper ions, and the copper ion content in the near infrared light absorption layer is 2 to 60 wt%.